

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **09219006 A**

(43) Date of publication of application: **19.08.87**

(51) Int. Cl.

**G11B 5/127**

**G11B 5/23**

**G11B 5/29**

(21) Application number: **08025519**

(22) Date of filing: **13.02.96**

(71) Applicant: **SONY CORP**

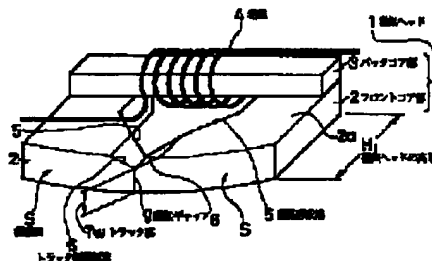
(72) Inventor:  
**KUMAGAI SEIJI**  
**HONDA JUNICHI**  
**FUJISAWA NORIKATSU**

**(54) MAGNETIC HEAD, TWO CHANNELS MAGNETIC HEAD, AND MAGNETIC STORAGE DEVICE USING THESE HEADS**

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain a magnetic core having low height and good efficiency of a core, by coiling a wire around a back core part joined to a side surface of one side of a front core part.

SOLUTION: A back core part 3 is joined to a side surface 2a of one side of a front core part, and a closed magnetic path is formed. And a coil 4 is coiled around the back core part 3. Since the coil 4 is coiled around the back core part 3 of a bar shape separated from the front core part 2, length of a magnetic path can be shortened and efficiency of a head core can be improved. Also, since the back core part 3 is arranged at the back edge of a main surface of the front core part 2, height of the magnetic head  $H_1$  can be made low.



COPYRIGHT: (C)1997,JPO